

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals  
NEWS 3 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded  
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN  
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data  
NEWS 6 JAN 22 CA/CAPLUS updated with revised CAS roles  
NEWS 7 JAN 22 CA/CAPLUS enhanced with patent applications from India  
NEWS 8 JAN 29 PHAR reloaded with new search and display fields  
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases  
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers  
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records  
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality  
NEWS 13 FEB 26 MEDLINE reloaded with enhancements  
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field  
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE  
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements  
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases  
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 19 MAR 16 CASREACT coverage extended  
NEWS 20 MAR 20 MARPAT now updated daily  
NEWS 21 MAR 22 LWPI reloaded  
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements  
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN  
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:24:02 ON 24 APR 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY      SESSION  
0.21      0.21

FILE 'REGISTRY' ENTERED AT 11:24:36 ON 24 APR 2007  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9  
DICTIONARY FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when  
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REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> E "BENZYL METHACRYLATE"/CN 25

|     |       |  |
|-----|-------|--|
| E1  | 1     | BENZYL MESYLGLYCINATE/CN   |
| E2  | 1     | BENZYL METAPHOSPHATE, (PHCH2O)PO2/CN   |
| E3  | 1 --> | BENZYL METHACRYLATE/CN   |
| E4  | 1     | BENZYL METHACRYLATE HOMOPOLYMER/CN   |
| E5  | 1     | BENZYL METHACRYLATE POLYMER/CN   |
| E6  | 1     | BENZYL METHACRYLATE POLYMER WITH METHYL METHACRYLATE/CN  |
| E7  | 1     | BENZYL METHACRYLATE TELOMER WITH THIOGLYCOLIC ACID/CN  |
| E8  | 1     | BENZYL METHACRYLATE TELOMER WITH THIOSALICYLIC ACID/CN   |
| E9  | 1     | BENZYL METHACRYLATE-(DIMETHYLAMINO)ETHYL METHACRYLATE BLOCK<br>COPOLYMER/CN  |
| E10 | 1     | BENZYL METHACRYLATE-(N,N-DIMETHYLAMINO)ETHYL METHACRYLATE BLOCK<br>COPOLYMER/CN  |
| E11 | 1     | BENZYL METHACRYLATE-(PERFLUORO)OCTYLETHYL ACRYLATE COPOLYMER/CN  |
| E12 | 1     | BENZYL METHACRYLATE--METHACRYLIC ACID-METHYL<br>METHACRYLATE-2,2,3,3-TETRAFLUOROPROPYL METHACRYLATE COPOLYMER/CN   |
| E13 | 1     | BENZYL METHACRYLATE-B-METHACRYLOYLOXYETHYL HYDROGEN<br>PHTHALATE-METHACRYLIC ACID COPOLYMER GLYCIDYL METHACRYLATE ESTER/CN                                     |
| E14 | 1     | BENZYL<br>METHACRYLATE-E-CAPROLACTONE-3-ETHYL-3-METHACRYLOXYMETHYLOXETANE-2-HYDROXYETHYL<br>METHACRYLATE-METHACRYLIC ACID-N-PHENYLMALEIMIDE GRAFT COPOLYMER/CN |
| E15 | 1     | BENZYL METHACRYLATE-Ω-CARBOXYLPOLYCAPROLACTONE<br>MONOACRYLATE-GLYCEROL MONOMETHACRYLATE-METHACRYLIC ACID-N-PHENYLMALEIMIDE-STYRENE<br>COPOLYMER/CN            |
| E16 | 1     | BENZYL<br>METHACRYLATE-1,1-BIS(TRIMETHYLSILOXY)-2-METHYL-1-PROPENE-ETHOXYTRIETHYLENE GLYCOL<br>METHACRYLATE-TRIMETHYLSILYL METHACRYLATE BLOCK COPOLYMER/CN     |
| E17 | 1     | BENZYL<br>METHACRYLATE-1,2-BIS(METHACRYLOYLTHIO)ETHANE-2,4,6-TRIBROMOPHENYL METHACRYLATE<br>COPOLYMER/CN   |
| E18 | 1     | BENZYL METHACRYLATE-1,2-BIS(METHACRYLOYLTHIO)ETHANE-STYRENE<br>COPOLYMER/CN  |
| E19 | 1     | BENZYL METHACRYLATE-1,3-BUTADIENE-BUTYL METHACRYLATE-KAYARAD<br>DPHA-METHACRYLIC ACID-R 1302 COPOLYMER/CN  |
| E20 | 1     | BENZYL METHACRYLATE-1,3-BUTADIENE-GLYCIDYL METHACRYLATE-MALEIC<br>ANHYDRIDE-METHACRYLIC ACID COPOLYMER/CN  |

E21 1 BENZYL METHACRYLATE-1,3-BUTADIENE-ITACONIC ACID-A-METHYLSTYRENE  
 COPOLYMER ESTER WITH 6,7-EPOXYHEPTYL A-ETHYLACRYLATE/CN  
 E22 1 BENZYL METHACRYLATE-1,3-BUTADIENE-METHACRYLIC ACID-STYRENE  
 COPOLYMER/CN  
 E23 1 BENZYL METHACRYLATE-1,3-BUTADIENE-N-BUTYL  
 METHACRYLATE-METHACRYLIC ACID-2-METHACRYLOYLOXYETHYL SUCCINATE COPOLYMER/CN  
 E24 1 BENZYL METHACRYLATE-1,3-BUTANEDIOL-BUTYL  
 METHACRYLATE-DIMETHYLAMINOETHYL METHACRYLATE-GLYCIDYL METHACRYLATE-STYRENE-SUCCINIC  
 ANHYDRIDE POLYMER/CN  
 E25 1 BENZYL METHACRYLATE-1,3-BUTYLENE GLYCOL  
 DIMETHACRYLATE-METHACRYLIC ACID-N,N'-PHENYLENEBISMALEIMIDE COPOLYMER/CN

=> S E3 OR E4 OR E5 OR E6

1 "BENZYL METHACRYLATE"/CN  
 1 "BENZYL METHACRYLATE HOMOPOLYMER"/CN  
 1 "BENZYL METHACRYLATE POLYMER"/CN  
 1 "BENZYL METHACRYLATE POLYMER WITH METHYL METHACRYLATE"/CN  
 L1 3 "BENZYL METHACRYLATE"/CN OR "BENZYL METHACRYLATE HOMOPOLYMER"/CN OR  
 "BENZYL METHACRYLATE POLYMER"/CN OR "BENZYL METHACRYLATE POLYMER WITH METHYL  
 METHACRYLATE"/CN

=> file caplus

COST IN U.S. DOLLARS

| SINCE FILE | TOTAL   |
|------------|---------|
| ENTRY      | SESSION |
| 20.70      | 20.91   |

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:25:45 ON 24 APR 2007

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FILE COVERS 1907 - 24 Apr 2007 VOL 146 ISS 18

FILE LAST UPDATED: 23 Apr 2007 (20070423/ED)

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<http://www.cas.org/infopolicy.html>

=> s l1

L2 1026 L1

=> s MPC/cn

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L4 30 L3

=> s 14 and 12

L5 0 L4 AND L2

=> s phosphoryl?

L6 226156 PHOSPHORYL?

=> s 16 and 12

L7 0 L6 AND L2

=> s ?choline

L8 178166 ?CHOLINE

=> s 18 and 12

L9 2 L8 AND L2

=> d ibib 1-2

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:137259 CAPLUS <<LOGINID::20070424>>

DOCUMENT NUMBER: 134:179357

TITLE: Composition that hardens with visible light and use thereof

INVENTOR(S): Zimmermann, Michael

PATENT ASSIGNEE(S): Deltamed Medizinprodukte G.m.b.H., Germany

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO.  | DATE       |
|---|------|----------|--|------------|
| WO 2001012679   | A1   | 20010222 | WO 2000-EP7317   | 20000728   |
| W: JP, US   |      |          |  |            |
| RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE    |      |          |  |            |
| DE 19938463   | A1   | 20010222 | DE 1999-19938463   | 19990813   |
| DE 19950284   | A1   | 20010426 | DE 1999-19950284   | 19991019   |
| EP 1203033  | A1   | 20020508 | EP 2000-949417   | 20000728   |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY |      |          |  |            |
| JP 2003507499   | T    | 20030225 | JP 2001-517577   | 20000728   |
| PRIORITY APPLN. INFO.:  |      |          | DE 1999-19938463   | A 19990813 |
|   |      |          | DE 1999-19950284   | A 19991019 |
|   |      |          | WO 2000-EP7317   | W 20000728 |
| REFERENCE COUNT: 7  |      |          | THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT |            |

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1985:100766 CAPLUS <<LOGINID::20070424>>

DOCUMENT NUMBER: 102:100766

TITLE: A calorimetric study of the interaction of synthetic phospholipid liposomes with vinyl monomers, acrylates and methacrylates

AUTHOR(S): Fujisawa, Seiichiro; Kadoma, Yoshinori; Masuhara, Eiichi

CORPORATE SOURCE: Sch. Dent., Tokyo Med. Dent. Univ., Tokyo, 113, Japan

SOURCE: Journal of Biomedical Materials Research (1984), 18(9), 1105-14

CODEN: JBMRBG; ISSN: 0021-9304

DOCUMENT TYPE: Journal

LANGUAGE: English

=> s benzyl

182381 BENZYL  
55 BENZYL

L10 182405 BENZYL  
(BENZYL OR BENZYL)

=> s phosphorylcholine

4140 PHOSPHORYLCHOLINE  
84 PHOSPHORYLCHOLINES

L11 4164 PHOSPHORYLCHOLINE  
(PHOSPHORYLCHOLINE OR PHOSPHORYLCHOLINES)

=> s l10 and l11

L12 29 L10 AND L11

=> s methacrylate

218957 METHACRYLATE  
11981 METHACRYLATES

L13 221338 METHACRYLATE  
(METHACRYLATE OR METHACRYLATES)

=> s l12 and l13

L14 3 L12 AND L13

=> d ibib 1-3

L14 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:4234 CAPLUS <<LOGINID::20070424>>

DOCUMENT NUMBER: 146:235751

TITLE: Biocompatibility and drug release behavior of  
spontaneously formed phospholipid polymer hydrogels  
AUTHOR(S): Kimura, Mizuna; Takai, Madoka; Ishihara, Kazuhiko  
CORPORATE SOURCE: Department of Materials Engineering, School of  
Engineering, The University of Tokyo, 7-3-1, Hongo,  
Bunkyo-ku, Tokyo, 113-8656, Japan

SOURCE: Journal of Biomedical Materials Research, Part A  
(2006), Volume Date 2007, 80A(1), 45-54  
CODEN: JBMRCH; ISSN: 1549-3296

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:694963 CAPLUS <<LOGINID::20070424>>

DOCUMENT NUMBER: 144:134995

TITLE: Spontaneously forming hydrogel from water-soluble  
random- and block-type phospholipid polymers

AUTHOR(S): Kimura, Mizuna; Fukumoto, Kikuko; Watanabe, Junji;  
Takai, Madoka; Ishihara, Kazuhiko

CORPORATE SOURCE: Department of Materials Engineering, School of  
Engineering, The University of Tokyo, 7-3-1 Hongo,  
Bunkyo-ku, Tokyo, 113-8656, Japan

SOURCE: Biomaterials (2005), 26(34), 6853-6862  
CODEN: BIMADU; ISSN: 0142-9612

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2003:772711 CAPLUS <<LOGINID::20070424>>  
DOCUMENT NUMBER: 140:5361  
TITLE: Direct Synthesis of Well-Defined Quaternized  
Homopolymers and Diblock Copolymers via ATRP in Protic  
Media  
AUTHOR(S): Li, Yuting; Armes, Steven P.; Jin, Xiaoping; Zhu,  
Shiping  
CORPORATE SOURCE: Department of Chemistry, School of Life Sciences,  
University of Sussex, Falmer, Brighton, BN1 9QJ, UK  
SOURCE: Macromolecules (2003), 36(22), 8268-8275  
CODEN: MAMOBX; ISSN: 0024-9297  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

|                      |            |         |
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| FULL ESTIMATED COST  | ENTRY      | SESSION |
|                      | 17.36      | 44.14   |

STN INTERNATIONAL LOGOFF AT 11:27:41 ON 24 APR 2007